

Work Order ID 129864

129864

February-23-15 10:27:56 AM

Page 1

Item ID: D206-802-032 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Passenger Door Opener RH
 Start Date: 2/16/15 Start Qty: 1.00 ***1*** Cust Item ID:
 Required Date: 2/23/15 Req'd Qty: 1.00 ***1*** Customer:
 Reference:

Approvals: Process Plan: ML5 Date: 15-02-25 Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
DSI9579	B								
IIN D206-802-3	A								
100	Document Control	0.00							
100	DOCUMENT CONTROL								
DC	Memo	0.00							
Doc.Control -USB or Paperwork	Photocopy bluefile and create labels per PPP D206-802-032 CHG004								
105	Pick Kit	0.00							
105									
Packaging	Memo	0.00							
Packaging									

DAS
6
9-89

MAY 12 2015
27
9-89

MAY 04 2015

DAS
26
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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Work Order ID 129864

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129864

Page 2

Item ID: D206-802-032

Accept

N900040100Setup Start ***NS1***

Revision ID:

Item Name: Passenger Door Opener RH

Stop ***NS2***Start Date: 2/16/15 Start Qty: 1.00 ***1***

Cust Item ID:

Required Date: 2/23/15 Req'd Qty: 1.00 ***1***

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start ***NR1***Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
110	QC4- 100% Inspect kits for completeness	0.00							
110				DAS					
QC	Memo	0.00		6					
Quality Control				9-8			MAY 12 2015		
120		0.00							
120				DAS					
Packaging	Packaging	0.00		6					
Packaging	Memo	0.00		9-89					
	Identify and pack for shipping as per PPPDD206-802-032								
	Location: <u>021</u>								
	PPP rev: _____								
130	QC21- Final Inspection - Work Order Release	0.00							
130									
QC	Memo	0.00							
Quality Control									

MAY 14 2015

MAY 13 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Crosstube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐
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Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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Picklist Print

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Page 1

Work Order ID: 129864

129864

Parent Item: D206-802-032

D206-802-032

Parent Item Name: Passenger Door Opener RH

Start Date: 2/16/15

Required Date: 2/23/15

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A 10.12.03 as per dwg rev.A DD verf:EC IPP Rev:B
11.10.25 AS PER DSI9579 REV.A DD verf:EC IPP Rev:C 11.12.19
PER DSI9579 REV B DD verf:EC IPP Rev:D 12.07.30 AS PER
ECN12-624 DD verf:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3552-17 *D3552-17* Door Prop		Manufactured	No			105	Each	13.0000	1	1		DAS 27 9-89	DAS 26 9-89
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
	DAS 6 9-89			ST364				13					
				103639				1					
				126847				12					
D3622-5 *D3622-5* Ball Stud		Manufactured	No			105	Each	24.0000	2	2		DAS 27 9-89	DAS 26 9-89
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
	DAS 6 9-89			ST052				24					
				104978				24					
D4112-1 *D4112-1* Aft Sill Doubler		Manufactured	No			105	Each	2.0000	1	1		DAS 27 9-89	DAS 26 9-89
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
	DAS 6 9-89			ST091				2					
				125425				2					
D4115-5 *D4115-5* Doubler		Manufactured	No			105	Each	0.0000	1	1		DAS 27 9-89	DAS 26 9-89
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
	DAS 6 9-89							2					
								2					

B129975

MAY 04 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
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Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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Picklist Print

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Page 2

Work Order ID: 129864

Parent Item: D206-802-032

Parent Item Name: Passenger Door Opener RH

129864

D206-802-032

Start Date: 2/16/15

Required Date: 2/23/15

Start Qty: 1.00

Required Qty: 1.00

MS20426AD4-5

Purchased

No

105

Each

2,515.000

4

4

~~*MS20426AD4-5*~~
RIVET

**

DAS
27
9-89

DAS
26
9-89

DAS
6
9-89

Location

Loc Qty

Loc Code

GA

2441

m125807

60

~~m130922~~

2381

ST312

74

m125807

74

MS20600-AD4W2

Purchased

No

105

Each

1,001.000

14

14

~~*MS20600-AD4W2*~~
Rivet

**

DAS
27
9-89

DAS
26
9-89

DAS
6
9-89

Location

Loc Qty

Loc Code

CCK004

800

m126475

800

GA

154

m125708

154

ST309

47

~~m126475~~

47

MS21073L5

Purchased

No

105

Each

52.0000

2

2

~~*MS21073L5*~~
Anchor Nut

**

DAS
27
9-89

DAS
26
9-89

DAS
6
9-89

Location

Loc Qty

Loc Code

ST300

52

m130799

6

~~m131187~~

46

MAY 04 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence
		☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge
		☐ Pressure/Forced Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other

Picklist Print

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Page 3

Work Order ID: 129864

Parent Item: D206-802-032

Parent Item Name: Passenger Door Opener RH

129864

D206-802-032

Start Date: 2/16/15

Required Date: 2/23/15

Start Qty: 1.00

Required Qty: 1.00

NAS1149C0532R

Purchased

No

105

Each

477.0000

6

6

DAS

27

9-89

DAS

26

9-89

NAS1149C0532R

WASHER

DAS

6

9-89

Location

Loc Qty

Loc Code

GA

62

116513

62

ST271

415

m128537

215

m131624

200

NAS1149C0563R

Purchased

No

105

Each

346.0000

6

6

DAS

27

9-89

DAS

26

9-89

NAS1149C0563R

Washer

DAS

6

9-89

Location

Loc Qty

Loc Code

ST271

346

m125928

5

m131026

341

D4108-11

Manufactured

No

105

Each

6.0000

1

1

DAS

27

9-89

DAS

26

9-89

D4108-11

Template

DAS

6

9-89

Location

Loc Qty

Loc Code

ST090

6

85048

6

D4108-047

Manufactured

No

105

Each

0.0000

1

1

DAS

27

9-89

DAS

26

9-89

D4108-047

Sill Doubler Assembly

DAS

6

9-89

B12986S

MAY 04 2015

February-23-15 10:27:55 AM

Shop Packet Print

Page 3

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

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Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
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Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence
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Picklist Print

February-23-15 10:27:55 AM

Page 4

Work Order ID: 129864

Parent Item: D206-802-032

Parent Item Name: Passenger Door Opener RH

129864

D206-802-032

Start Date: 2/16/15

Required Date: 2/23/15

Start Qty: 1.00

Required Qty: 1.00

CR3523-4-4

Purchased

No

105

Each

210.0000

4

4

CR3523-4-4

Rivet

**

DAS

27

9-89

Location

Loc Qty

Loc Code

ST318

210

119717

10

124259

100

m127255

100

DAS
6
9-89

Manufactured

No

105

Each

3.0000

1

1

D3552-27

D3552-27

Door Prop

**

DAS

26

9-89

Location

Loc Qty

Loc Code

Mezz

3

89499

3

DAS
6
9-89

MAY 04 2015

MAY 08 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

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Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Crosstube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐
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Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
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Doc/Data									
Equip/Tooling									
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Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D206-802-3 Rev. A AND
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D407-802 REV. 0

REF CANADIAN STC: SH10-44

REF FAA STC: SR02933NY

REF EASA STC: 10033253

1.0 PURPOSE:

It has come to Dart's attention that a portion of the airframe on recent Bell 206L4 aircraft is made of composite. In such cases, installing the D4112-1 (ref. D206-802-032 Kit) per IIN-D206-802-3 might not be possible. To that effect, Dart has created DSI 9579-011 Upgrade Kit to facilitate installation of D206-802-032 Kits at Change 001. The parts list of D206-802-032 Kits at Change 002 and later is amended as follows:

2.0 PARTS LIST CHANGE:

5.2 D206-802-031/-032 Passenger Door Opener Kits (IIN-D206-802-3 Rev. A)

52.4.9 D206-802-031/-032 Passenger Door Opener Kits (ICA-D407-802 Rev. 0)

Qty -031	Qty -032	Part Number	Description
☒	☒	D206-802-031	PASSENGER DOOR OPENER KIT, LH
☒	☒	D206-802-032	PASSENGER DOOR OPENER KIT, RH

ADD:

	1	D4108-11	TEMPLATE
	1	D4108-047	SILL DOUBLER ASSEMBLY
	4	CR3523-4-4	RIVET
	1	D3552-27	DOOR PROP

3.0 DSI-9579-011 UPGRADE KIT PARTS LIST:

Qty -011	Part Number	Description
☒	DSI 9579-011	UPGRADE KIT
1	D4108-11	TEMPLATE
1	D4108-047	SILL DOUBLER ASSEMBLY
4	CR3523-4-4	RIVET
1	D3552-27	DOOR PROP

129864 MISC
10-001 108601

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 11.12.07
CERT. NO.: SH10-44
ISSUE NO.: 1

B	ADD DOOR PROP D3552-27	AP	11.12.07
A	NEW ISSUE	MB	11.10.14
REV.	DESCRIPTION	BY	DATE
DESIGN	MB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AP		
CHECKED		DRAWING NO.	REV. B
MFG. APPR.	N/A	DSI 9579	SHEET 1 OF 3
APPROVED		TITLE	SCALE
DE APPR.		UPGRADE KIT	NTS
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4.0 INSTALLATION CHANGE:

4.1 On metal airframe:

No change. Install D206-802-032 using D4112-1 per Section 3.3 of IIN-D206-802-3.

4.2 On composite airframe:

Install D206-802-032 by replacing D4112-1 Aft Sill Doubler with D4108-047 per instructions below and Figure 1 of this Service Instruction.

4.2.1 Perform Step 3.3.1 of IIN-D206-802-3.

4.2.2 Replace Steps 3.3.2 to 3.3.16 with the following:

- a) Using Figure 1 of this Service Instruction, locate D4108-11 Template on the edge of the door post closeout approximately 17.5" from the front of the seat. Match drill the Ø0.128" rivet holes (4 PL) on the door sill. Locate and drill thru template and door sill if the door sill is without existing holes.
- b) Transfer drill the Ø0.128" holes (4 PL) from D4108-11 Template to the D4108-047 Sill Bracket Assembly.
- c) Deburr all drilled holes and clean area.
- d) Remove and retain the Ball Stud and hardware from the D4108-047 Sill Bracket Assembly.
- e) Install D4108-047 Sill Bracket Assembly by applying a thin layer of Proseal 890 and wet installing the CR3523-4-4 Rivets (4 PL) as shown in Figure 1 of this Service Instruction.
- f) Remove excess Proseal, grind rivet stems flush and clean area of any debris.
- g) Re-install the Ball Stud and hardware removed at Step "d)" of this instruction.
- h) Re-position the carpet and interior trim panel. Trim/cut as required for the ball stud and to allow the D4108-047 Sill Bracket Assembly to protrude.
- i) Re-install the scuff plate.
- j) Install rod end of D3552-27 Door Prop onto the Ball Stud mounted on D4108-047 Sill Bracket Assembly.
- k) With the door open and using the D3552-27 Door Prop, Figure 4 and the dimensions shown as reference, position D4115-5 Doubler. Ensure that the door opens far enough for ingress and egress (minimum of 19" wide) and that there is no interference with any structure or interior trims. The final location of the D4115-5 Doubler will vary somewhat from aircraft to aircraft.

4.2.3 Perform Steps 3.3.17 to 3.3.26 of Installation Instructions IIN-D206-802-3.

4.2.4 Replace Step 3.3.27 with the following:

- a) Attach the cylinder end of the D3552-27 Door Prop to the D3622-5 Ball Stud installed on the previous step.

4.2.5 Complete installation of D206-802-032 by following Steps 3.3.28 to 3.3.29 of Installation Instructions IIN-D206-802-3.

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BY:	
	D. SHEPHERD (DE # 02)
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ISSUE NO.:	1

DESIGN	MB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
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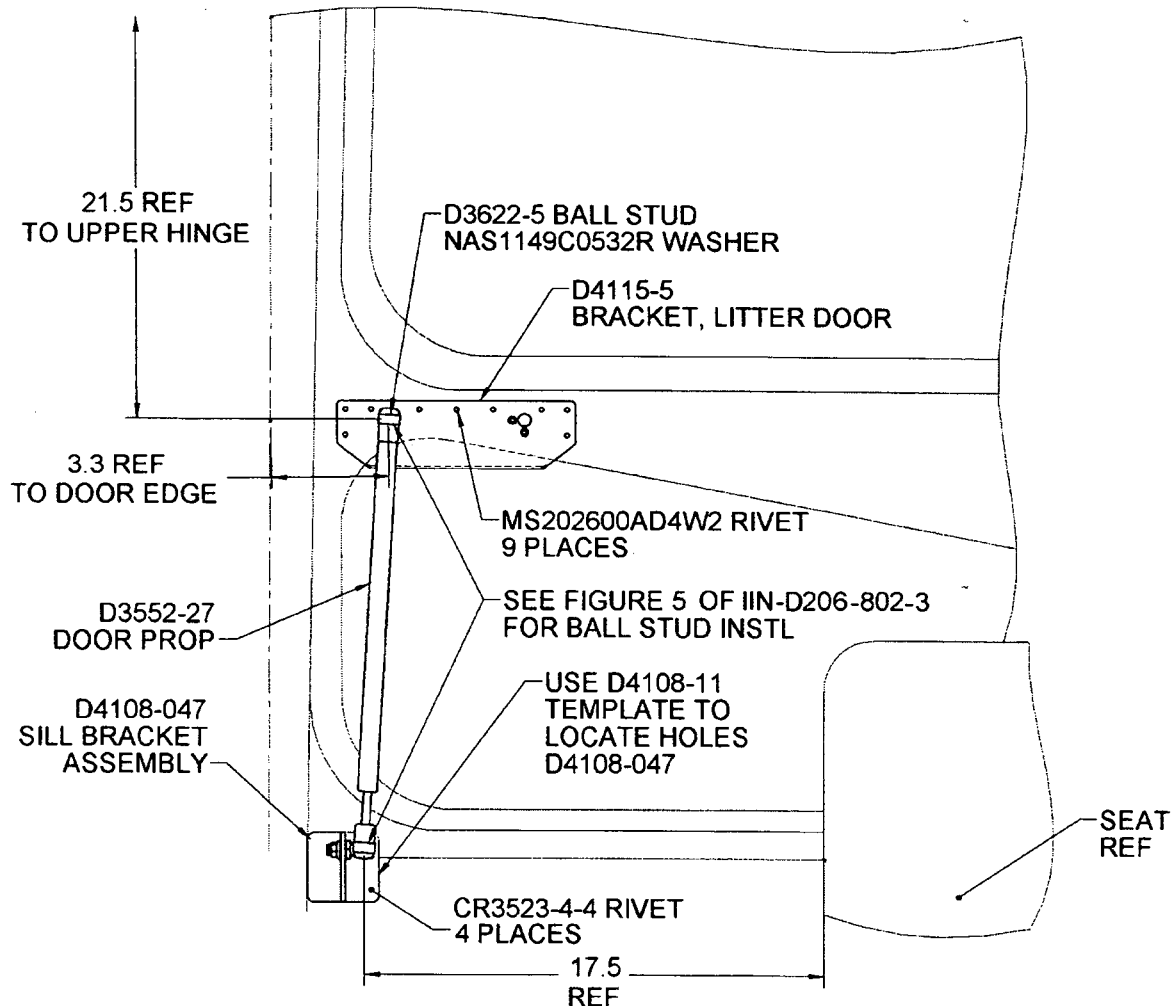


FIGURE 1: INSTALLATION OF D206-802-032 ON COMPOSITE AIRFRAME

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5.0 PARTS LIST

5.1 D206-802-029/-030 Crew Door Opener Kits

Qty -029	Qty -030	Part Number	Description
1		D206-802-029	CREW DOOR OPENER KIT, LH
	1	D206-802-030	CREW DOOR OPENER KIT, RH
1	1	D3552-15	DOOR PROP
1	1	D3622-5	BALL STUD
1	1	D4110-3	DOUBLER, SILL
1		D4114-1	DOOR DOUBLER, LH
	1	D4114-2	DOOR DOUBLER, RH
4	4	MS20426AD4-5	RIVET
32	32	MS20600AD4W2	RIVET
2	2	MS21073L5	ANCHOR NUT
1	1	MS27130-A26	RIVNUT
6	6	NAS1149C0532R	WASHER
6	6	NAS1149C0563R	WASHER

5.2 D206-802-031/-032 Passenger Door Opener Kits

Qty -031	Qty -032	Part Number	Description
1		D206-802-031	PASSENGER DOOR OPENER KIT, LH
	1	D206-802-032	PASSENGER DOOR OPENER KIT, RH
1	1	D3552-17	DOOR PROP
1	2	D3622-5	BALL STUD
	1	D4112-1	AFT SILL DOUBLER
1	1	D4115-5	DOUBLER
1		D4115-041	LITTER DOOR BRACKET ASSY
3		CR3242-5-4	RIVET
2		CR3243-5-4	RIVET
2	4	MS20426AD4-5	RIVET
9	14	MS20600AD4W2	RIVET
1	2	MS21073L5	ANCHOR NUT
3	6	NAS1149C0532R	WASHER
3	6	NAS1149C0563R	WASHER

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D206-802-3 Rev. A AND
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REF CANADIAN STC: SH10-44
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52.4.9 D206-802-031/-032 Passenger Door Opener Kits (ICA-D407-802 Rev. 0)

Qty -031	Qty -032	Part Number	Description
1		D206-802-031	PASSENGER DOOR OPENER KIT, LH
	1	D206-802-032	PASSENGER DOOR OPENER KIT, RH

ADD:

	1	D4408-11	TEMPLATE
	1	D4408-047	SILL DOUBLER ASSEMBLY
	4	CR3523-4-4	RIVET
	1	D3552-27	DOOR PROP

3.0 DSI-9579-011 UPGRADE KIT PARTS LIST:

Qty -011	Part Number	Description
1	DSI 9579-011	UPGRADE KIT
1	D4108-11	TEMPLATE
1	D4108-047	SILL DOUBLER ASSEMBLY
4	CR3523-4-4	RIVET
1	D3552-27	DOOR PROP

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